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(57) Abstract: The present invention relates to a separation matrix comprised of a porous support to which ligands have been immobilised, wherein said ligands comprise at least one aliphatic sulphonamide. The nitrogen of the sulphonamide may be a secondary or tertiary amine. The invention also relates to a chromatography column that contains the described separation matrix, as well as to a method of isolating immunoglobulin-like compounds by adsorption to a separation matrix that comprises aliphatic sulphonamide ligands.

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